

Description

The BL0306 is a digital ECHO IC fabricated with silicon gate CMOS technology . The BL0306 converts an input analog signal to a digital signal and writes it into a memory IC,After a delay it reads out the digital signal from the memory IC and then converts to an analog signal again.
Lower noise and distortion delay signal is obtained by BL0306 than by BBD. An A-D,
D-A converter block formed of ADM (Adaptive
Delta Modulation) circuit can produce a low-cost
delay system.(compatible with M50915P)

Pin Assignment		
A6	1	36 VCC
MDI	2	35 LPF2 OUT2
CAS	3	34 LPF2 OUT1
RESET	4	33 LPF2 IN1
DO	5	32 LPF2 IN2
W	6	31 OP2 OUT
RAS	7	30 OP2 IN
A0	8	29 A-GND
A2	9	28 LPF1 IN
A1	10	27 LPF1 OUT
A7	11	26 OP1 OUT
A5	12	25 OP1 IN
A4	13	24 REF
A3	14	23 OSC IN
D-GND	15	22 OSC OUT
CC1	16	21 LONG
CC2	17	20 MIDD
SHORT	18	19 CDI
BL0306		
PDIP 36Pin		

Features

- Low noise(-90dBV typ.)
- Low distortion(0.5% typ.)
- 3 mode delay time (100,150,200ms)
- Includes auto mute circuit to protect sound
from digital noise caused by delay time
mode change or power on.

Application

Karaoke, Radio cassette tape recorder, Videodisc plaver.

